

CONTRACT DATA REQUIREMENTS LIST

Form Approved
OMB NO. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.		B. EXHIBIT		C. CATEGORY TDP _____ TM _____ OTHER _____	
D. SYSTEM/ITEM 1620-01-399-1079		E. CONTRACT/PR NO.		F. CONTRACTOR	
1. DATA ITEM NO. 1	2. TITLE OF DATA ITEM CERTIFICATION DATA REPORT			3. SUBTITLE COMPLETE PROCESS OP SHEETS	
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T1		5. CONTRACT REFERENCE		6. REQUIRING OFFICE DSC RICHMOND	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK #16	DISTRIBUTION	
8. APP CODE A		11. AS OF DATE AS REQ	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK #16	a. ADDRESSEE	b. COPIES
					Draft FINAL
					Reg Repro
16. REMARKS PARA. 10.1, 10.2, 10.2.2, 10.2.4, 10.2.5 SHALL APPLY * UPON SUBMISSION OF FIRST ARTICLE/PRODUCTION LOT TEST SAMPLE(S) ** IF PROCESS OPERATION SHEETS CHANGE AFTER SUCCESSFUL COMPLETION OF FAT/PLT.				DCMC	* 1/0
				NADEP/NORIS	** 1/0
				CODE: 93001	
				15. TOTAL	2/0
1. DATA ITEM NO. 2	2. TITLE OF DATA ITEM CERTIFICATION DATA REPORT			3. SUBTITLE COMPLETE INSPECTION METHOD SHEETS	
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T2		5. CONTRACT REFERENCE		6. REQUIRING OFFICE DSC RICHMOND	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION SEE BLOCK #16	DISTRIBUTION	
8. APP CODE A		11. AS OF DATE AS REQ	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK #16	a. ADDRESSEE	b. COPIES
					Draft FINAL
					Reg Repro
16. REMARKS PARA. 10.1, 10.2, 10.2.1, 10.2.2, 10.2.4, 10.5 SHALL APPLY * UPON SUBMISSION OF FIRST ARTICLE/PRODUCTION LOT TEST SAMPLE(S) ** AT TIME OF CONTRACT COMPLETION.				DCMC	* 1/0
				NADEP/NORIS	** 1/0
				CODE: 93001	
				15. TOTAL	2/0
1. DATA ITEM NO. 3	2. TITLE OF DATA ITEM REQUEST FOR WAIVER			3. SUBTITLE	
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80640C		5. CONTRACT REFERENCE		6. REQUIRING OFFICE DSC RICHMOND	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION	DISTRIBUTION	
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES
					Draft FINAL
					Reg Repro
16. REMARKS				DCMC/ACO	1/0
				DCMC/QAR	1/0
				PCO	1/0
				15. TOTAL	3/0
1. DATA ITEM NO. 4	2. TITLE OF DATA ITEM REQUEST FOR DEVIATION			3. SUBTITLE	
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80640C		5. CONTRACT REFERENCE		6. REQUIRING OFFICE DSC RICHMOND	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION	DISTRIBUTION	
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES
					Draft FINAL
					Reg Repro
16. REMARKS				DCMC/ACO	1/0
				DCMC/QAR	1/0
				PCO	1/0
				15. TOTAL	3/0
G. PREPARED BY		H. DATE	I. APPROVED BY		J. DATE

17. PRICE GROUP

18. ESTIMATED
TOTAL PRICE

17. PRICE GROUP

18. ESTIMATED
TOTAL PRICE

17. PRICE GROUP

18. ESTIMATED
TOTAL PRICE

17. PRICE GROUP

18. ESTIMATED
TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)				Form Approved OMB No. 0704-0188		
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A. CONTRACT LINE ITEM NO.		B. EXHIBIT		C. CATEGORY:		
1620-01-399-1079				TOP _____ TM _____ OTHER _____		
D. SYSTEM/ITEM			E. CONTRACT/PR NO.		F. CONTRACTOR	
1. DATA ITEM NO.		2. TITLE OF DATA ITEM		3. SUBTITLE		
5		CERTIFICATION DATA / REPORTS				
4. AUTHORITY (Data Acquisition Document No.)			5. CONTRACT REFERENCE		6. REQUIRING OFFICE	
DI-MISC-80678/T3					DSC RICHMOND	
7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION	14. DISTRIBUTION		
LT		AS REQ	SEE BLOCK 16*			
8. APP CODE		11. AS OF DATE	13. DATE IF SUBSEQUENT SUBMISSION	b. COPIES		
A		AS REQ	SEE BLOCK 16**	a. ADDRESSEE	Final	
					Draft	
					Reg	
					Repro	
<p>PARA. 10.1,10.2,10.2.1,10.2.2,10.2.4,10.5 APPLY</p> <p>*BLOCK#12- UPON SUBMITTAL OF FIRST ARTICLE SAMPLE (S) AND/OR PRODUCTION LOT SAMPLE.</p> <p>**BLOCK#13- THESE CERTIFICATIONS ARE REQUIRED AT TIME OF PRODUCTION LOT TESTING (PLT) OR CONTRACT COMPLETION IF TESTING IS WAIVED.</p> <p>BLOCK #3- SEPERATE REPORTS SHALL BE PROVIDED FOR THE BELOW LISTED SUB TITLES. CERTIFICATION REPORTS FOR PROCESS AND MATERIAL SPECIFICATIONS SHALL INCLUDE CERTIFICATION THAT ALL VENDORS PERFORMING THESE PROCESSES ARE (OEM), (76301) McDONNELL AIRCRAFT APPROVED SOURCES FOR SAID PROCESS.</p> <p>BLOCK #5 - CONTRACT REFERENCE FOR: P/N: (76301) 74A450831-1001, NOMEN: HEAD, PISTON LOCK Certifications for the following: MATERIAL CERTIFICATION AND ANALYSIS DOCUMENTATION FOR: ALUMINUM ALLOY 7075-T73 1016NN PER SAE AMS QQ-A-225/9, ALT MATERIAL: ALLUMINUM ALLOY 7075-T73, 7075-T73510, 7075-T3511 PER SAE-AMS QQ-A-200/11</p> <p>Certifications for the following: -Penetrant Inspection Per PS 21202 -Heat Treat (if required) PS 23038.1 -Anodize Surface Per PS 13201 -Threads Per MIL-S-8879</p>				DCMC/ACO	1/0	
				DCMC/QAR	*	1/0
				PCO	**	1/0
G. PREPARED BY		H. DATE	I. APPROVED BY		J. DATE	

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

*** QUALITY ASSURANCE PROVISIONS**

SPECIFICATIONS:

NSN: 1620-01-399-1079 P/N:(76301) 74A450831-1001

NOMENCLATURE: Head,Piston Lock N/L/G

Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with drawing number (76301) 74A450831-1001 REV. "B " or latest revision, and all details and specifications referenced therein.

I. QUALITY/INSPECTION REQUIREMENTS

- A. MIL-I-45208 or ISO 9000 Equivalent applies:**
- B. First Article Testing applies:**
- C. Production Lot Testing applies:**
- D. Mandatory Inspection applies:**

II. SUPPLEMENTAL REQUIREMENTS

A.

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- B. The contractor shall include on the detailed process operation sheets developed, a tracking method that is traceable to the contract, all in-house manufacturing processes and the identity of all manufacturing sources performing process/operations outside of their facilities. These sheets shall not be revised or altered after the successful completion of FIRST ARTICLE OR PRODUCTION LOT TESTING without the approval from the basic design engineering activity via the P.C.O..**
- C. The inspection method sheets which list the characteristics of each item produced under the contract shall have serial number traceability to the raw material, casting, or forging. The tracking method used on the inspection/method sheets shall be traceable to the contract. In addition, the contractor is responsible for providing completed inspection method sheets showing the actual dimensions taken of all critical characteristics.**
- D. Markings should be I/A/W MIL-STD-130 REV."K" para 5.3.3(a),(b),(c),(g). Method and location shall be I/A/W the drawing.**

III. MANDATORY INSPECTION REQUIREMENTS:

During production, mandatory inspection is required to be accomplished by the contractor as follows:

A. LEVEL OF INSPECTION (L.O.I.)

- 1) Critical Characteristics: 100% inspection and documentation of dimensions taken shall apply
- 2) Major and Minor Characteristics: L.O.I. shall be I/A/W a sampling plan acceptable to the Q.A.R..

B. CRITICAL CHARACTERISTICS FOR:

McDonnell Aircraft: (76301) 74A450831-1001

See Attached Sheet

C. MAJOR AND MINOR CHARACTERISTICS:

- 1) Shall be defined by the contractor subject to Q.A.R. concurrence, unless defined on applicable drawings and associated specifications.

IV. Unless expressly provided for elsewhere in this clause, equipment such as FIXTURES, JIGS, DIES, PATTERNS, TEMPLATES, MYLARS, SPECIAL TOOLING, TEST EQUIPMENT, or any other manufacturing aid required for the manufacture and/or testing of the subject item will not be provided by the government or any other source and is the sole responsibility of the contractor. The foregoing applies notwithstanding any reference to such equipment or the furnishing thereof that may be contained in any drawing or referenced specification.

CRITICAL DIMENSIONS FOR P/N: (76301) 74A450831-1001

- 1) Zone 1 B
Circular Runout of $.676 +.002/-.000$ Dia with respect to "C" shall be within .002
- 2) Zone 2 B
 $.4375 +.0010/-.0000$ Dia to Depth Shown 2 Places
- 3) Zone 2 B
.4375 Dia shall be Perpendicular and Symmetrical with "A" within .002
- 4) Zone 2 C
.875-14 UNJF-3A
- 5) Zone 2 C
Circular Runout of .875-14 UNJF-3A with respect to "A" shall be within .002
- 6) Zone 3 D
Circular Runout of $.560 +.000/-.002$ Dia with respect to "B" shall be within .002
- 7) Zone 3 C
Circular Runout of $.676 +.002/-.000$ Dia with respect to "C" shall be within .002
- 8) Zone 3 C
 $.500 +.001/-.000$ Dia
- 9) Zone 3 C
Circular Runout of Dia "A" with respect to Dia "C" shall be within .002
- 10) Zone 3 C
 $.736 +.000/-.001$ Dia
- 11) Zone 3 C
Circular Runout of Dia "A" with respect to Dai "B" shall be within .002
- 12) Zone 3 A
 $2.242 +.000/-.001$ Dia
- 13) Zone 3 A
 $2.242 +.000/-.001$ Dia with respect to Dia "A" shall be within .002
- 14) Zone 3 A
 $2.417 +.000/-.001$ Dia